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PTO/SB/05 (03-01)

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1533.1100001/SRL/PCS
First Inventor	John D'Elia
Title	Ketogulonigenium Shuttle Vectors
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 40]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
- Oath or Declaration [Total Pages 1]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

JC821 U.S. PT 04/05/01

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Two (2) Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Authorization under 37 C.F.R. § 1.136(a)(3)
 Other: The name of the assignee is:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP)
Prior application information: Examiner _____ of prior application No: _____ / _____
Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

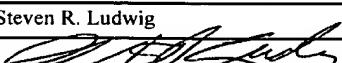
19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label _____ *or* Correspondence address below

Customer No. 26111

(Insert Customer No. or Attach bar code label here)

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law				
ADDRESS	1100 New York Avenue, N.W. Suite 600				
CITY	Washington,	STATE	DC	ZIP CODE	20005-3934
COUNTRY	U.S.A.	TELEPHONE	(202) 371-2600	FAX	(202) 371-2540

NAME (Print/Type)	Steven R. Ludwig	Registration No. (Attorney/Agent)	36,203
SIGNATURE			

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT

(\$890.00)

Application Number	To Be Assigned
Filing Date	HEREWITH
First Named Inventor	John D'Elia
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	1533.1100001/SRL/PCS

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number **19-0036**
Deposit Account Name **Sterne, Kessler, Goldstein & Fox P.L.L.C.**

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other*
*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	
104	710	201	355 Utility filing fee	<u>710.00</u>
106	320	206	160 Design filing fee	<u></u>
107	490	207	245 Plant filing fee	<u></u>
108	710	208	355 Reissue filing fee	<u></u>
114	150	214	75 Provisional filing fee	<u></u>

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

Extra Fee from below Fee Paid
Total Claims 30 - 20** = 10X18 X 18 = 180.00
Indep. Claims 1 - 3** = 0 X 0 = 0

Multiple Dependent _____ = _____

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203
102	80	202
104	270	204
108	80	209
110	18	210

Claims in excess of 20
Independent claims in excess of 3
Multiple dependent claim
**Reissue independent claims over original patent
**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 180.00)

** or number previously paid, if greater; For Reissues, see above

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee	Fee Description	Fee	Fee Description	Fee	Fee Description	Fee
105	130	205 Surcharge - late filing fee or oath	65	127	50 Surcharge - late provisional filing fee or cover sheet	227	139	130 Non-English specification	130
147	2,520	147 For filing a request for ex parte reexamination	2,520	112	920* Requesting publication of SIR prior to Examiner action	920*	113	1,840* Requesting publication of SIR after Examiner action	1,840*
115	110	215 Extension for reply within first month	55	116	390 Extension for reply within second month	216	117	890 Extension for reply within third month	217
118	1,390	218 Extension for reply within fourth month	695	128	1,890 Extension for reply within fifth month	228	119	310 Notice of Appeal	155
120	310	220 Filing a brief in support of an appeal	155	121	270 Request for oral hearing	221	138	1,510 Petition to institute a public use proceeding	1,510
140	110	240 Petition to revive - unavoidable	55	141	1,240 Petition to revive - unintentional	241	142	1,240 Utility issue fee (or reissue)	620
143	440	243 Design issue fee	220	144	600 Plant issue fee	300	122	130 Petitions to the Commissioner	130
123	130	123 Petitions related to provisional applications	130	126	180 Submission of Information Disclosure Stmt	126	581	40 Recording each patent assignment per property (times number of properties)	40
146	710	246 Filing a submission after final rejection (37 CFR 1.129(a))	355	149	710 355 For each additional invention to be examined (37 CFR 1.129(b))	355	179	710 355 Request for Continued Examination (RCE)	355
169	900	169 Request for expedited examination of a design application	900						

Other fee (specify):

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Steven R. Ludwig	Registration No. (Attorney/Agent)	36,203	Telephone	202-371-2600
Signature				Date	9/5/01

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 • FACSIMILE: (202) 371-2540 • www.skgf.com

ROBERT GREENE STERNE
EDWARD J. KESSLER
JORGE A. GOLDSTEIN
SAMUEL L. FOX**
DAVID K.S. CORNWELL
ROBERT W. EDMOND
TRACY-GENE G. DURKIN
MICHELE A. CIMBALA
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MARK P. TERRY**

—
*BAR OTHER THAN D.C.
**REGISTERED PATENT AGENT
***SENIOR COUNSEL

April 5, 2001

WRITER'S DIRECT NUMBER:
(202) 371-2626

INTERNET ADDRESS:
SLUDWIG@SKGF.COM

Michael E. Yates, Esquire
Corporate Intellectual Property Counsel
Archer-Daniels-Midland Company
4666 Faries parkway
Decatur, IL 62526

Re: U.S. Utility Patent Application
Appl. No. To Be Assigned; Filed: HEREWITH
For: **Ketogulonigenium Shuttle Vectors**
Inventor: John D'Elia
Our Ref: 1533.1100001/SRL/PCS

Dear Michael:

We are pleased to report the filing in the U.S. Patent and Trademark Office of the following documents:

1. SKGF Cover Letter;
2. PTO Fee Transmittal Form (PTO/SB/17);
3. PTO Utility Patent Application Transmittal Form (PTO/SB/17)
4. U.S. Utility Patent Application entitled:

Ketogulonigenium Shuttle Vectors

Commissioner for Patents
April 5, 2001
Page 2

- a. specification containing 40 total pages:
 - i. 35 pages of description prior to the claims;
 - ii. 4 pages of claims (Claims 1-30);
 - iii. a one (1) page abstract;
- b. Twelve 12 sheets of drawings (Figures 1A-4B);
- c. Twelve 12 pages of sequence listing;
- 4. The Sequence Listing in computer readable form (3½ diskette in ASCII);
- 5. Application Data Sheet (1 page);
- 6. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
- 7. Our check No. 30856 for \$890.00 to cover:
 - \$710.00 Basic Filing Fee (37 C.F.R. § 1.16(a));
 - \$180.00 Fee for Excess Claims; and
- 8. Two (2) return postcards.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

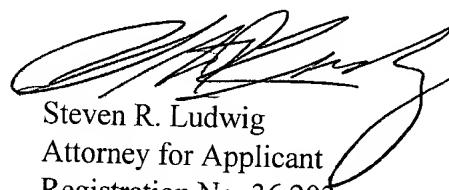
A computer readable copy of the sequence listing. In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Commissioner for Patents
April 5, 2001
Page 3

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Steven R. Ludwig
Attorney for Applicant
Registration No. 36,203

SRL/PCS:dcw
Enclosures

P:\USERS\DWRIGHT\General\STEVEN R. LUDWIG\SKGF-TRANS-1533.1100001
SKGF Rev. 4/27/00 mac

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John D'Elia

Appl. No. To Be Assigned

Filed: HEREWITH

For: **Ketogulonigenium Shuttle Vectors**

Confirmation No.

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 1533.1100001/SRL/PCS

JC821 U.S. PTO
09/826206
04/05/01

Authorization To Treat A Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3)

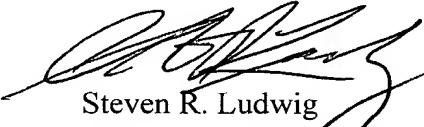
Commissioner for Patents
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Steven R. Ludwig
Attorney for Applicant
Registration No. 36,203

Date: 4/5/01

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600

P:\USERS\DWRIGHT\General\STEVEN R. LUDWIG\EOT-1533.1100001
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